

City of Central Point - Stormwater Master Plan
Capital Improvement Project
Preliminary Engineering Unit Cost
Table F-17

ITEM	UNIT	UNIT COST (\$)
Water Quality Facility Installation		
General Earthwork	CY	\$12
Clearing Brush	AC	\$1,850
Clear and Grub brush including stumps	AC	\$6,500
Amended Soils and Mulch	CY	\$26
Jute Matting, Biodegradeable	SY	\$2
Geomembrane	SY	\$25
Rip-Rap, Class 50	CY	\$60
Drain Rock	CY	\$31
Pond Outflow Control Structure	EA	\$6,000
Water Quality Facility Plantings	SF	\$3
Rain Garden	SF	\$25
Stormwater Planter	SF	\$37
Structure Installation		
Precast Concrete Manhole (48", 0-8' deep)	EA	\$2,100
Precast Concrete Manhole (48", 9-12' deep)	EA	\$5,800
Precast Concrete Manhole (48", 13-20' deep)	EA	\$8,900
Precast Concrete Manhole (60", 0-8' deep)	EA	\$4,000
Precast Concrete Manhole (60", 9-12' deep)	EA	\$8,200
Precast Concrete Manhole (72", 0-8' deep)	EA	\$5,500
Precast Concrete Manhole (72", 9-12' deep)	EA	\$11,000
Curb Inlet	EA	\$1,900
Concrete Ditch Inlet (0-8' deep)	EA	\$2,000
Catch Basin	EA	\$2,300
Connection to Existing Structure	EA	\$500
Abandon Existing Manhole	EA	\$254
Remove Existing Pipe (15-18")	FT	\$22
Outfall Improvements	EA	\$5,000
Restoration/ Resurfacing		
Landscaping	AC	\$20,600
Riparian Plantings	SF	\$3
4-foot Chain Link Fence	LF	\$21
Hydroseed	AC	\$2,300
Stream Bed Gravel	CY	\$30
Project Totals		
Project Sub-Total		
Mobilization/Demobilization (10%)	LS	10%
Erosion Control (2%)	LS	2%
Construction Contingency (30%)	LS	30%
Construction Cost Estimate		
Engineering and Permitting (%) *	LS	Varies by project (20-40%)
Construction Administration (%)	LS	5%
Total Project Engineering and Construction Cost		

* Engineering and permitting costs will be documented in each project's write-up